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10	NA OSS			Serial Number		0/788,741	
OCT 13 2006			Filing Date	ling Date		February 27, 2004	
OCI 1				Named Inventor		Lee	
Pro TO	TOPM			Art Unit 2813			
				ame	N	guyen, Tuan H.	
	FORM		Attorney Do	Attorney Docket No.		SC-012DV	
			Patent No.		No	ot applicable	
			Issue Date		No	ot applicable	
		ENC	LOSURES (c.	heck all that apply)			
☐ Fe	e Transmittal Form		Copy of Notice Parts of Applic	e to File Missing cation		Notice of Appeal to Board of Patent Appeals and Interferences	
	☐ Check Attached ☐ Copy of Fee Transmittal Form] 1	Formal Drawin	ng(s)		Appeal Brief (in triplicate)	
-[]	Amendment/Response]]	Request For C Examination (I Transmittal			Status Inquiry	
	☐ Preliminary ☐ After Final ☐ Affidavits/declaration(s) ☐ Letter to Official		Power of Attor	rney f Prior Powers)	⊠ ⊠	Return Receipt Postcard Certificate of First Class Mailing under 37 C.F.R. 1.8	
,	Draftsperson including Drawings [Total Sheets]		Terminal Disc	laimer		Certificate of Facsimile Transmission under 37 C.F.R. 1.8	
	Petition for Extension of Time	-	Declaration an of Attorney for Design Patent	r Utility or		Additional Enclosure(s) (please identify below)	
	Supplemental Information Disclosure Statement ☐ Small Entity Disclosure Statement Form PTO SB/08a/b citing references A73-A95, B30 and		Small Entity S	tatement			
	Copies of IDS ns B30 and C75-C82	1	CD(s) for large program	e table or computer			
	Certified Copy of Priority Document(s)			fter Allowance			
			of Correction (in				
CORR	ESPONDENCE ADDRESS			SIGNATURE BL	OCK		
Direct all correspondence to: Patent Administrator Goodwin Procter LLP Exchange Place Boston, MA 02109 Tel. No.: (617) 570-1000 Fax No.: (617) 523-1231 Customer No. 051414			000 231	Date: October 10, 20 Reg. No. 44,381 Tel. No.: (617) 570- Fax No.: (617) 523-	-1806	Respectfully submitted, Natasha C. Us Attorney for Applicants Goodwin Procter LLP Exchange Place Boston, MA 02109	

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S):

Lee et al.

SERIAL NO.:

10/788,741

GROUP NO.:

2813

FILING DATE:

February 27, 2004

EXAMINER:

Nguyen, Tuan H.

TITLE:

STRUCTURES WITH PLANAR STRAINED LAYERS

Mail Stop Issue Fee Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

The references listed on the enclosed PTO SB/08a/b are submitted solely in compliance with the duty of candor. It is understood that this Supplemental Information Disclosure Statement does not fall within the provisions of 37 C.F.R. §1.97.

It is respectfully requested that the patents and publications listed on the attached PTO SB/08a/b, and other information contained herein, be made of record in this application.

Respectfully submitted,

Date: October 10, 2006

Reg. No. 44,381

Natasha C. Us

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Complete if Known

Substitute for form 1449/PTO				
	Application Number	10/788,741		
INFORMATION DISCLOSURE	Filing Date	February 27, 2004		
STATEMENT BY APPLICANT	First Named Inventor	Lee		
	Art Unit	2813		
(Use as many sheets as necessary)	Examiner Name	Nguyen, Tuan H.		

2

of

Attorney Docket Number | ASC-012DV

	U.S. PATENT DOCUMENTS						
Examiner		Document Number	Publication Date	Name of Patentee or			
Initials*	Cite No.1	Number-Kind Code ² (if known)		Applicant of Cited Document	Filing Date if Appropriate		
	A73	4,497,683	02-05-1985				
	A74	5,266,521	11-30-1993				
	A75	5,479,033	12-26-1995				
	A76	6,437,375	08-20-2002		06-05-2000		
	A77	6,498,359	12-24-2002		05-18-2001		
	A78	6,593,625	07-15-2003		04-03-2002		
	A79	6,600,170	07-29-2003		12-17-2001		
	A80	6,603,156	08-05-2003		03-31-2001		
	A81	6,646,322	11-11-2003		07-16-2001		
	A82	6,649,480	11-18-2003		06-19-2001		
	A83	6,677,192	01-13-2004		07-16-2001		
	A84	6,703,688	03-09-2004		07-16-2001		
	A85	6,723,661	04-20-2004		07-16-2001		
	A86	6,724,008	04-20-2004		07-16-2001		
	A87	6,730,551	05-04-2004		08-02-2002		
	A88	2002/0100942	08-01-2002				
	A89	2002/0125471	09-12-2002		12-04-2001		
	A90	2002/0197803	07-12-2005		06-21-2002		
	A91	2003/0013323	05-31-2005		06-14-2002		
	A92	2003/0052334	03-20-2003		06-18-2002		
	A93	2003/0057439	12-13-2005		08-09-2002		
	A94	2003/0227013	12-11-2003		06-07-2002		
	A95	2004/0026765	02-12-2004		06-06-2003		

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.¹	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Date MM-DD-YYYY	Applicant of Cited Document			
	B30	0 829 908 A2 (EP)					

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ¹ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²		
	C75	"2 Bit/Cell EEPROM Cell Using Band-to-Band Tunneling for Data Read-Out," IBM Technical Disclosure Bulletin, Vol. 35, No. 4B (September 1992) pp. 136-140.			
	C76	Bouillon <i>et al.</i> , "Search for the optimal channel architecture for 0.18/0.12 μm bulk CMOS Experimental study," IEEE, (1996) pp. 21.2.1-21.2.4.			

Examiner	 	 	Date	
Signature			Considered	

Sub	Substitute for form 1449/PTO			Complete if Known		
•				Application Number	10/788,741	
IN	IFORMATIC	ON DIS	CLOSURE	Filing Date	February 27, 2004	
S	STATEMENT BY APPLICANT			First Named Inventor	Lee	
				Art Unit	2813	
	(Use as many	sheets as n	ecessary)	Examiner Name	Nguyen, Tuan H.	
Sheet	2	of	2	Attomey Docket Number	ASC-012DV	

C77	Grützmacher et al., "Ge segregation in SiGe/Si heterostructures and its dependence on deposition technique and growth atmosphere," Applied Physics Letters, Vol. 63, No. 18 (November 1, 1993) pp. 2531-2533.	
C78	International Search Report for PCT/US03/17275, dated October 14, 2003.	
C79	International Search Report for PCT/US 03/181123, dated Dec. 1, 2003.	
C80	Koester et al., "Extremely High Transconductance Ge/Si0.4Ge0.6 p-MODFET's Grown by UHV-CVD," IEEE Electron Device Letters, Vol. 21, No. 3 (March 2000) pp. 110-112.	
C81	Maiti et al., "Strained-Si heterostructure field effect transistors," Semicond. Sci. Technol., Vol. 13 (1998) pp. 1225-1246.	
C82	Mizuno et al., "Electron and Hole Mobility Enhancement in Strained-Si MOSFET's on SiGe-on-Insulator Substrates Fabricated by SIMOX Technology," IEEE Electron Device Letters, Vol. 21, No. 5 (May 2000) pp. 230-232.	

LIBC/2856997

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner	Date
Signature	Considered

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.



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Nguyen, Tuan H.

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STRUCTURES WITH PLANAR STRAINED LAYERS

CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 10th day of October, 2006.

Carrah M. Malone

Mail Stop Issue Fee Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Submitted herewith are:

- 1. Transmittal Form (1 page);
- 2. Supplemental Information Disclosure Statement (1 page);
- 3. PTO Form SB/08a/b (2 pages) citing references A73-A95, B30 and C75-C82;
- 4. Copies of cited references B30 and C75-C82; and
- 5. Return receipt postcard

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